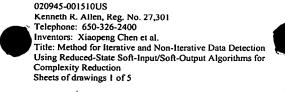
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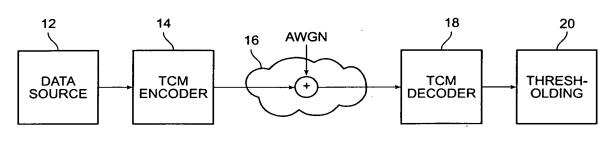


FIG. 1

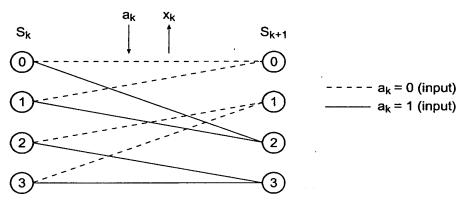


FIG. 2

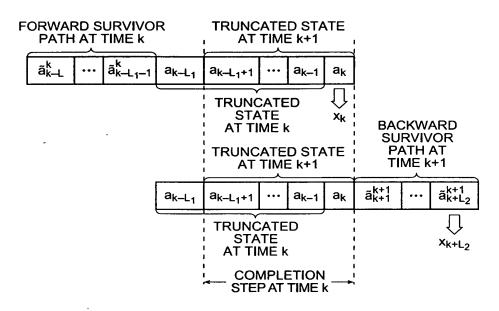


FIG. 3

020945-001510US
Retiriedly R. Allen, Reg. No. 27,501
Telephone: 650-326-2400
Inventors: Xiaopeng Chen et al.
Title: Method for Iterative and Non-Iterative Data
Using Reduced-State Soft-Input/Soft-Output Algorithms for
Complexity Reduction
Sheets of drawings 2 of 5

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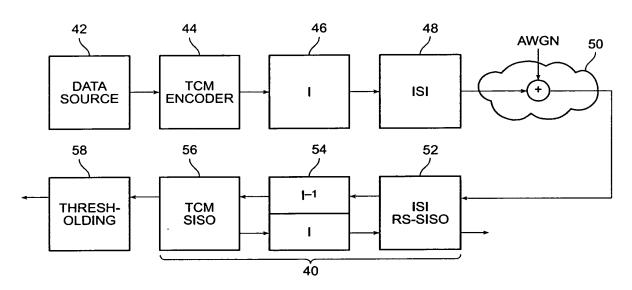


FIG. 4

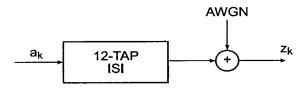


FIG. 5A

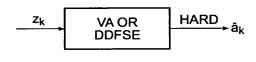


FIG. 5B

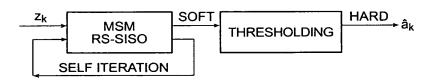


FIG. 5C

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Title: Method for Iterative and Non-Iterative Data Detection
Using Reduced-State Soft-Input/Soft-Output Algorithms for
Complexity Reduction

Complexity Reduction Sheets of drawings 3 of 5

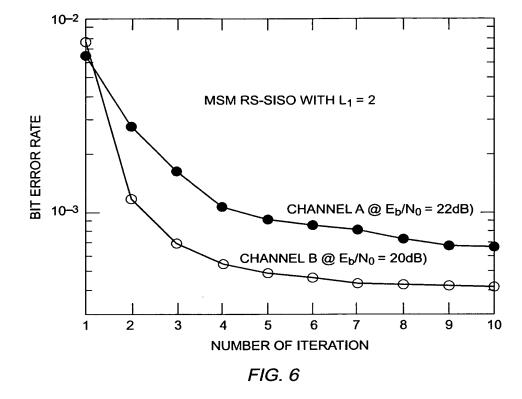
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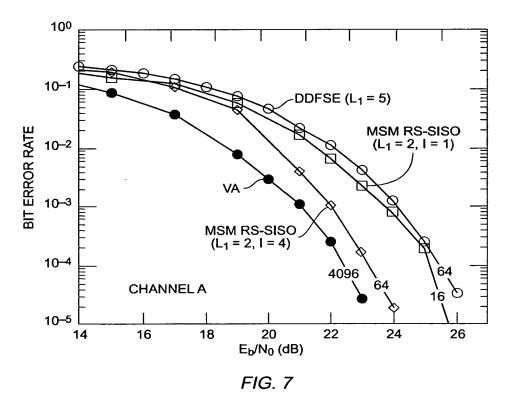
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020945-001510US Kenneth R. Allen, Reg. No. 27,301 Telephone: 650-326-2400 Inventors: Xiaopeng Chen et al.

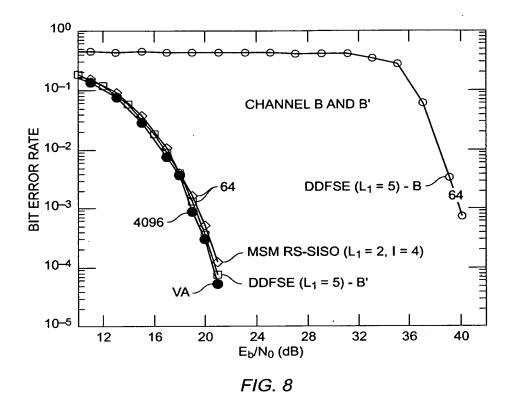
Title: Method for Iterative and Non-Iterative Data Detecti

Using Reduced-State Soft-Input/Soft-Output Algorithms for

Complexity Reduction Sheets of drawings 4 of 5



. 4.



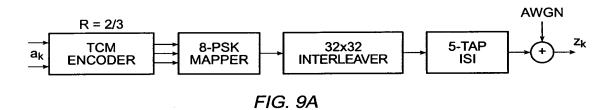




FIG. 9B

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020945-001510US
Renneth R. Allen, Reg. No. 27,351
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Inventors: Xiaopeng Chen et al.
Title: Method for Iterative and Non-Iterative Data Detecti
Using Reduced-State Soft-Input/Soft-Output Algorithms for
Complexity Reduction
Sheets of drawings 5 of 5

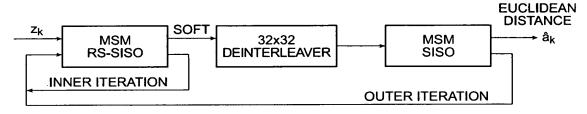


FIG. 9D

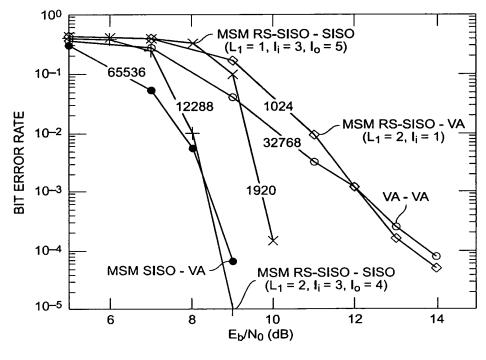


FIG. 10